



PATENT
Attorney Docket Number 50047590-0031 (formerly 1331R)
Harman Ref No.: P99005USU

wherein the first layer, the sound damping material, and the second layer comprise a three-layer laminate and wherein the first flange and the second flange extend to raise the three-layer laminate so that an interior surface of the second layer defines a throat

Laminate

Sub C2

10. (New) The loud speaker component of claim 9, wherein the core defines a trapezoid.



11. (New) The loud speaker component of claim 9, wherein the margin is a solid structure

12. (New) The loud speaker component of claim 11, wherein the first flange and the second flange are defined by a first state as individual pieces and a second state in which the first flange and the second flange are homogeneous so as to form a single, indistinguishable piece.

al cont 10

Sub B2

13. (New) The loud speaker component of claim 11, wherein each of the first flange and the second flange are defined by a first state as individual pieces and a second state as a single homogeneous mass of cured molding material

14. (New) The loud speaker component of claim 9, wherein the first flange and the second flange extend away from one another at an acute angle.

Sub C4 20

15. (New) The loud speaker component of claim 9, wherein the first layer, the sound damping material, and the second layer comprise a no more than three-layer laminate.

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16. (New) The loud speaker component of claim 9, wherein the sound damping material comprises a mineral-filled damping material

17. (New) The loud speaker component of claim 9, wherein the sound damping material comprises a solid material.

18. (New) The loud speaker component of claim 17, wherein the solid sound damping material comprises a vinyl copolymer compound.

19. (New) The loud speaker component of claim 17, wherein the solid sound damping material comprises a silicon rubber compound

20. (New) The loud speaker component of claim 9, wherein the sound damping material comprises balsa wood

21. (New) The loud speaker component of claim 9, wherein each of the first layer, the sound damping material, and the second layer defined a thickness, and wherein the thickness of each of the first layer, the sound damping material, and the second layer is equal.

22. (New) The loud speaker component of claim 21, wherein the thickness is equal to a multiple of approximately 0.125 inches.

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Sub 337
23. (New) The loud speaker component of claim 9, wherein the collective of the margin and the three-layer laminate defines a thickness that is substantially constant throughout the margin and the three-layer laminate.

5 24. (New) The loud speaker component of claim 9, wherein the first layer is one of a sheet molding compound, a low pressure molding compound, a bulk molding compound, a thick molding compound, a fiberglass filled epoxy resin, a fiberglass filled polyether resin, and a fiberglass filled polyester resin in a styrene monomer.

Sub 337
Adapt.
10 25. (New) A loudspeaker component, comprising:
a first layer;
a second layer, wherein the second layer is fixed to the first layer so as to define a core and a margin, wherein the margin comprises a first flange and a second flange; and
15 sound damping material disposed in the core so as to be completely encased by the first layer and the second layer.

26. (New) The loud speaker component of claim 25, wherein the core defines a trapezoid.

20 27. (New) The loud speaker component of claim 25, wherein the margin is a solid structure.

28. (New) The loud speaker component of claim 27, wherein the first layer, the sound damping material, and the second layer comprise a three-layer laminate and wherein the first

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flange and the second flange extend to raise the three-layer laminate so that an interior surface of the second layer defines a throat.

Sub
C6
Almont.
5 29. (New) The loud speaker component of claim 28, wherein the first flange and the second flange extend away from one another at an acute angle.

Sub
B47
30 (New) The loud speaker component of claim 29, wherein the collective of the margin and the three-layer laminate defines a thickness that is substantially constant throughout the margin and the three-layer laminate